

Section II
Soil and Site Information

Construction Materials Table 2
Kingsbury County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ba: Badger-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.14 0.49	Poor Too Clayey Depth to saturated zone	0.00 0.14
Bb: Baltic-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey	0.00 0.00
BcB: Barnes-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92
Buse-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.46
BcC: Barnes-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92
Buse-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.46

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BdA: Beadle-----	85	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.74	Fair Too Clayey	0.21
BdB: Beadle-----	90	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.74	Fair Too Clayey	0.21
BdC: Beadle-----	90	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.74	Fair Too Clayey	0.21
BeA: Beadle-----	55	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.74	Fair Too Clayey	0.21
Dudley-----	35	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.47	Poor Salinity Too Clayey Sodium content	0.00 0.00 0.78
Bn: Bon-----	90	Good		Good		Good	
Bo: Bon-----	85	Good		Good		Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BrB: Brandt-----	90	Fair Low content of organic matter Water erosion	0.12 0.90	Fair Shrink-swell	0.99	Poor Hard to reclaim	0.00
BuC: Buse-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.46
Barnes-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Carbonate content	0.92
BuD: Buse-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Poor Slope Carbonate content	0.00 0.46
Barnes-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Slope Carbonate content	0.37 0.92
BxD: Buse-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope Carbonate content	0.37 0.46
Holmquist-----	40	Fair Low content of organic matter Sodium content	0.12 0.60	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.78 0.87	Poor Depth to saturated zone Salinity Sodium content	0.00 0.50 0.60

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CbA: Clarno-----	60	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.89	Good	
Bonilla-----	30	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
CbB: Clarno-----	65	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.89	Good	
Bonilla-----	25	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
CeB: Clarno-----	45	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.89	Good	
Ethan-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.68 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.68
Bonilla-----	20	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
CeC: Clarno-----	40	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.89	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ethan-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.68 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.68
Bonilla-----	20	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Ct: Crossplain-----	60	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.14 0.49	Poor Too Clayey Depth to saturated zone	0.00 0.14
Tetonka-----	30	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.26	Poor Depth to saturated zone Too Clayey	0.00 0.00
Cu: Cubden-----	85	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Depth to saturated zone Carbonate content	0.91 0.92
Cv: Cubden-----	45	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Depth to saturated zone Carbonate content	0.91 0.92

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Badger-----	40	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.14 0.49	Poor Too Clayey Depth to saturated zone	0.00 0.14
Cw: Cubden-----	60	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Depth to saturated zone Carbonate content	0.91 0.92
Tonka-----	30	Poor Too clayey Water erosion	0.00 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.35	Poor Depth to saturated zone Too Clayey	0.00 0.00
Dc: Davison-----	45	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.84 0.99	Fair Shrink-swell Depth to saturated zone	0.87 0.98	Fair Depth to saturated zone	0.98
Crossplain-----	40	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.14 0.49	Poor Too Clayey Depth to saturated zone	0.00 0.14
DeA: Delmont-----	90	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.88	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DtB: Delmont-----	55	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.88	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.32
Talmo-----	35	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.24	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00
Dv: Divide-----	90	Fair Low content of organic matter Carbonate content	0.12 0.32	Fair Depth to saturated zone	0.91	Fair Hard to reclaim Carbonate content Depth to saturated zone Rock fragments	0.18 0.32 0.91 0.97
Dx: Dudley-----	60	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.47	Poor Salinity Too Clayey Sodium content	0.00 0.00 0.78
Jerauld-----	30	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Sodium content Salinity	0.00 0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Dy: Durrstein-----	95	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Sodium content Depth to saturated zone Too Clayey Salinity	0.00 0.00 0.00 0.00
EgA: Egeland-----	50	Good		Good		Good	
Embdn-----	40	Fair Low content of organic matter	0.50	Good		Good	
EgB: Egeland-----	70	Good		Good		Good	
Embdn-----	20	Fair Low content of organic matter	0.50	Good		Good	
EmC: Egeland-----	70	Good		Good		Good	
Maddock-----	20	Poor Too sandy Low content of organic matter	0.00 0.88	Good		Poor Too sandy	0.00
EnD: Ethan-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.68 0.99	Poor Low strength Shrink-swell	0.00 0.87	Poor Slope Carbonate content	0.00 0.68

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Betts-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Poor Slope Carbonate content	0.00 0.92
EoD: Ethan-----	45	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.68 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Slope Carbonate content	0.63 0.68
Bon-----	35	Good		Good		Good	
EtC: Ethan-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.68 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.68
Clarno-----	40	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.89	Good	
EtD: Ethan-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.68 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Slope Carbonate content	0.37 0.68
Clarno-----	35	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.89	Fair Slope	0.37
HbB: Henkin-----	65	Good		Good		Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Blendon-----	25	Fair Low content of organic matter	0.50	Good		Good	
HeA: Hetland-----	90	Poor Too clayey Low content of organic matter Carbonate content Water erosion	0.00 0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Carbonate content	0.00 0.97
HeB: Hetland-----	90	Poor Too clayey Low content of organic matter Carbonate content Water erosion	0.00 0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Carbonate content	0.00 0.97
HpA: Houdek-----	55	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Prosper-----	30	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.90	Good	
HpB: Houdek-----	70	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Prosper-----	20	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.90	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HsA: Houdek-----	50	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Stickney-----	40	Fair Low content of organic matter Salinity Water erosion	0.50 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.15	Poor Salinity	0.00
HsB: Houdek-----	55	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Stickney-----	35	Fair Low content of organic matter Salinity Water erosion	0.50 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.15	Poor Salinity	0.00
Ht: Houdek-----	45	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Stickney-----	25	Fair Low content of organic matter Salinity Water erosion	0.50 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.15	Poor Salinity	0.00
Tetonka-----	20	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.26	Poor Depth to saturated zone Too Clayey	0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hv: Hoven-----	90	Poor Too clayey Sodium content Salinity Water erosion	0.00 0.00 0.88 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey Sodium content Salinity	0.00 0.00 0.00 0.00
Lh: La Prairie-----	50	Fair Carbonate content	0.92	Poor Low strength Shrink-swell	0.00 0.91	Good	
Holmquist-----	40	Fair Low content of organic matter Sodium content	0.12 0.60	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.78 0.87	Poor Depth to saturated zone Salinity Sodium content	0.00 0.50 0.60
Lm: Lamoure-----	85	Fair Too clayey	0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.96	Poor Depth to saturated zone Too Clayey	0.00 0.99
Lo: Lowe-----	90	Fair Low content of organic matter Carbonate content	0.50 0.68	Poor Depth to saturated zone Shrink-swell	0.00 0.87	Poor Depth to saturated zone Carbonate content	0.00 0.68
Ma: Marysland-----	85	Fair Low content of organic matter Carbonate content	0.12 0.68	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Carbonate content Hard to reclaim	0.00 0.68 0.92

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MeA: Minnewasta-----	90	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Depth to saturated zone	0.32
		Sodium content	0.90	Depth to saturated zone	0.32	Salinity	0.88
		Water erosion	0.99	Shrink-swell	0.90	Sodium content	0.90
Mw: Minnewaukan-----	90	Poor		Poor		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.00
		Low content of organic matter	0.50			Rock fragments	0.88
		Droughty	0.68				
Od: Oldham-----	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Water erosion	0.90	Depth to saturated zone	0.00	Depth to saturated zone	0.00
				Shrink-swell	0.43		
Og: Orthents, Gravelly--	90	Fair		Poor		Poor	
		Low content of organic matter	0.12	Slope	0.00	Rock fragments	0.00
		Too sandy	0.14			Slope	0.00
		Droughty	0.29			Too sandy	0.14
						Hard to reclaim	0.18
Pa: Parnell-----	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.12		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pm: Playmoor-----	90	Fair Salinity Sodium content	0.88 0.97	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Salinity	0.00 0.00
PoB: Poinsett-----	45	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Buse-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.46
Waubay-----	20	Fair Low content of organic matter Water erosion Carbonate content Too clayey	0.50 0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
PoC: Poinsett-----	40	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Buse-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.46

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Waubay-----	20	Fair Low content of organic matter Water erosion Carbonate content Too clayey	0.50 0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
PrB: Poinsett-----	40	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Rusklyn-----	30	Fair Carbonate content Water erosion	0.80 0.90	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.80
Waubay-----	20	Fair Low content of organic matter Water erosion Carbonate content Too clayey	0.50 0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
PwA: Poinsett-----	55	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Waubay-----	35	Fair Low content of organic matter Water erosion Carbonate content Too clayey	0.50 0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98

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Construction Materials Table 2
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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PwB: Poinsett-----	65	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Waubay-----	25	Fair Low content of organic matter Water erosion Carbonate content Too clayey	0.50 0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
RfA: Renshaw-----	55	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.86	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
Fordville-----	35	Fair Low content of organic matter Too sandy	0.12 0.14	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.18
RfB: Renshaw-----	60	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.86	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
Fordville-----	30	Fair Low content of organic matter Too sandy	0.12 0.14	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.18

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RsB: Renshaw-----	60	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.86	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
Sioux-----	30	Fair Low content of organic matter Droughty Too sandy	0.12 0.27 0.30	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.00 0.30
RsC: Renshaw-----	50	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.86	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
Sioux-----	40	Fair Low content of organic matter Droughty Too sandy	0.12 0.27 0.30	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.00 0.30
SnA: Sinai-----	90	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Shrink-swell	0.00 0.00	Poor Too Clayey	0.00
SrD: Sioux-----	50	Fair Low content of organic matter Droughty Too sandy	0.12 0.27 0.30	Good		Poor Rock fragments Hard to reclaim Too sandy Slope	0.00 0.00 0.30 0.37

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Renshaw-----	40	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.86	Good		Poor Rock fragments Hard to reclaim Too sandy Slope	0.00 0.08 0.14 0.37
Ss: Southam-----	90	Fair Too clayey Carbonate content Water erosion	0.68 0.92 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.15	Poor Depth to saturated zone Too Clayey Salinity Carbonate content	0.00 0.59 0.88 0.92
St: Stickney-----	45	Fair Low content of organic matter Salinity Water erosion	0.50 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.15	Poor Salinity	0.00
Dudley-----	40	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.47	Poor Salinity Too Clayey Sodium content	0.00 0.00 0.78
Sv: Stickney-----	35	Fair Low content of organic matter Salinity Water erosion	0.50 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.15	Poor Salinity	0.00
Dudley-----	30	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.47	Poor Salinity Too Clayey Sodium content	0.00 0.00 0.78

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hoven-----	25	Poor Too clayey Sodium content Salinity Water erosion	0.00 0.00 0.88 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey Sodium content Salinity	0.00 0.00 0.00 0.00
TdD: Talmo-----	60	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.24	Good		Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.63
Delmont-----	30	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.88	Good		Poor Rock fragments Too sandy Hard to reclaim Slope	0.00 0.14 0.32 0.63
Te: Tetonka-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.26	Poor Depth to saturated zone Too Clayey	0.00 0.00
To: Tonka-----	90	Poor Too clayey Water erosion	0.00 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.35	Poor Depth to saturated zone Too Clayey	0.00 0.00
VbA: Vienna-----	70	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.99

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Brookings-----	20	Fair Low content of organic matter Carbonate content Too clayey Water erosion	0.50 0.97 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
VbB: Vienna-----	70	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.99
Brookings-----	20	Fair Low content of organic matter Carbonate content Too clayey Water erosion	0.50 0.97 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
W: Water-----	100	Not rated		Not rated		Not rated	
Wa: Waubay-----	90	Fair Low content of organic matter Water erosion Carbonate content Too clayey	0.50 0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98
Wb: Waubay-----	50	Fair Low content of organic matter Water erosion Carbonate content Too clayey	0.50 0.90 0.97 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.98

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Badger-----	40	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.14 0.49	Poor Too Clayey Depth to saturated zone	0.00 0.14
Wo: Worthing-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00
Wp: Worthing-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00

